



PATENTS

15/4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Eric Bornstein

Application Serial No.:

10/821,442

Filing Date:

April 9, 2004

Title:

INSTRUMENT FOR DELIVERY OF OPTICAL ENERGY TO THE
DENTAL ROOT CANAL SYSTEM FOR HIDDEN BACTERIAL
AND LIVE BIOFILM THERMOLYSIS

Examiner:

Lewis, Ralph A.

Art Unit:

3732

Confirmation No.:

1341

Atty. Docket No.:

072287-0015

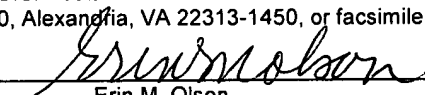


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Date:

12 March 2007


Erin M. Olson

Mail Stop Amendment
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TRANSMITTAL LETTER

Enclosed for filing in connection with the above-referenced patent application is an Information Disclosure Statement by Applicant, with a copy of the cited reference attached.

The Commissioner is authorized to charge the \$180 Information Disclosure Statement Fee, further fees which may be due and/or credit any over payment to Deposit Account No. 50-1133.

Respectfully submitted,


Date:

12 March 2007

03/16/2007 CNGUYEN2 00000001 501133 10821442

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McDermott Will & Emery LLP

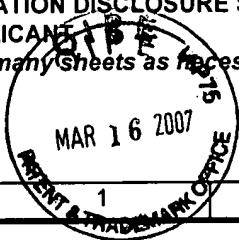
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Subst. for form 1449/PTO
INFORMATION DISCLOSURE STATEMENT
 BY APPLICANT
 (Use as many sheets as necessary)



Complete if Known

Application Number	10/821,442
Filing Date	04/09/2004
First Named Inventor	Bornstein
Art Unit	3732
Examiner Name	Lewis, Ralph A.

Sheet 1 of 3

Docket Number 072287-0015

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ²			
		US 2003/0023284	01/30/2003	Garstein <i>et al.</i>	
		US 2003/0208249	11/06/2003	Chen	
		US 2004/0210276	10/21/2004	Altshuler <i>et al.</i>	
		US 2004/058352	07/15/2004	Altshuler <i>et al.</i>	
		US 2004/0093042	05/13/2004	Altshuler <i>et al.</i>	
		US 2005/0065577	03/24/2005	McArthur <i>et al.</i>	
		US 2005/0075703	04/07/2005	Larsen	
		US 2005/0107853	05/19/2005	Krespi <i>et al.</i>	
		US 2006/0004425	01/06/2006	Cumbie	
		US 2006/0200213	09/07/2006	McDaniel	
		US 4,669,466	06/02/1987	L'Esperance	
		US 4,917,084	04/17/1990	Sinofsky	
		US 4,945,239	07/31/1990	Wist <i>et al.</i>	
		US 5,196,004	03/23/2003	Sinofsky	
		US 5,464,436	11/07/1995	Smith	
		US 5,595,568	01/21/1997	Anderson <i>et al.</i>	
		US 5,683,380	11/04/1997	Eckhouse	
		US 5,693,043	12/02/1997	Kitterell <i>et al.</i>	
		US 5,735,844	04/07/1998	Anderson <i>et al.</i>	
		US 5,853,407	12/29/1998	Miller	
		US 5,954,710	09/21/1999	Paolini	
		US 6,015,404	01/18/2000	Altshuler <i>et al.</i>	
		US 6,080,146	06/27/2000	Altshuler <i>et al.</i>	
		US 6,090,788	07/18/2000	Lurie	
		US 6,104,959	08/15/2000	Spertell	
		US 6,149,644	11/21/2000	Xie	
		US 6,235,016	05/22/2001	Stewart	
		US 6,273,884	08/14/2001	Altshuler <i>et al.</i>	
		US 6,283,986	09/04/2001	Johnson	
		US 6,387,089	05/14/2002	Kreindel <i>et al.</i>	
		US 6,508,813	01/21/2003	Altshuler <i>et al.</i>	

Subst. for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/821,442
				Filing Date	04/09/2004
				First Named Inventor	Bornstein
				Art Unit	3732
				Examiner Name	Lewis, Ralph A.
Sheet	2	of	3	Docket Number	072287-0017

U.S. PATENT DOCUMENTS CONT.

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ²			
		US 6,514,243	02/04/2003	Eckhouse et al.	
		US 6,517,532	02/11/2003	Altshuler et al.	
		US 6,605,080	08/12/2003	Altshuler et al.	
		US 6,648,904	11/18/2003	Altshuler et al.	
		US 6,662,054	12/09/2003	Kreindel et al.	
		US 6,702,808	03/09/2004	Kreindel, Michael	
		US 6,815,209	11/09/2004	Baeummer et al.	
		US 6,824,542	11/30/2004	Jay	
		US 6,878,144	04/12/2005	Altshuler et al.	
		US 6,887,261	05/03/2005	Peyman	
		US 6,889,090	05/03/2005	Kreindel, Michael	
		US 6,890,346	05/10/2005	Ganz et al.	
		US 6,902,563	06/07/2005	Wilkins et al.	
		US 6,939,344	09/06/2005	Kreindel, Michael	
		US 6,960,201	11/01/2005	Cumbie	
		US 7,041,100	05/09/2006	Kreindel, Michael	
		US 7,060,061	06/13/2006	Altshuler et al.	
		US 7,118,563	10/10/2006	Weckwerth et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ Kind Code ⁵ (if known)				
		WO 02/086550	10/31/2002	Haan et al.		
		WO 03/049892	06/19/2003	Reliant Technologies, Inc.		
		WO 03/079883	10/02/2003	Hadasit Medical		
		WO 03/086215	10/23/2003	McDaniel, David H.		
		WO 1991/013652	09/19/1991	Candela Laser Corporation		
		WO 2001/074265	10/11/2001	Coherent, Inc.		
		WO 2004/000150	12/31/2003	Altshuler et al.		
		WO 2004/024144	03/25/2004	Candela Corporation		

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				Art Unit	3732
				Examiner Name	Lewis, Ralph A.
Sheet	3	of	3	Docket Number	072287-0017
FOREIGN PATENT DOCUMENTS CONT.					
		WO 2004/058352	07/14/2004	Palomar Medical Technologies, Inc.	
		WO 2006/076506	07/20/2006	Demetriou <i>et al.</i>	
Examiner Signature			Date Considered		

OTHER			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		LIANG, et al., Wavelength Dependence of Cell Cloning Efficiency after Optical Trapping, Biophy.J. March 1996, pp 1529-1533, Vol. 70	
		NEUMAN, et al., Characterization of Photodamage to Escherichia Coli in Optical Traps, Biophy J. November 1999, pp 2865-2863, Vol. 77	
		NEUMAN, K.C., Single Molecule Study of RNA Polymerase Transcription Under Load, Ph.D. Dissertation presented to Princeton University, November 2002, 120 pp	
		KARU, et al., Effects of Near-Infrared Laser and Superluminous Diode Irradiation on Escherichia Coli Division Rate, IEEE Journal of Quantum Elect, December 1990, Vol. 26, No. 112	

Examiner Signature		Date Considered	
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